

# Summer of Rat Genetics and Genomics (SuRGe) Workshop

Sponsored by the NIDA Center of Excellence in Omics, Systems Genetics, and the Addictome (NIDa P30 DA044223), The Heritable Rat Transcriptome (NIAAA R24 AA013162), and the Rat Genome Database (NHLBI R01 HL064541)

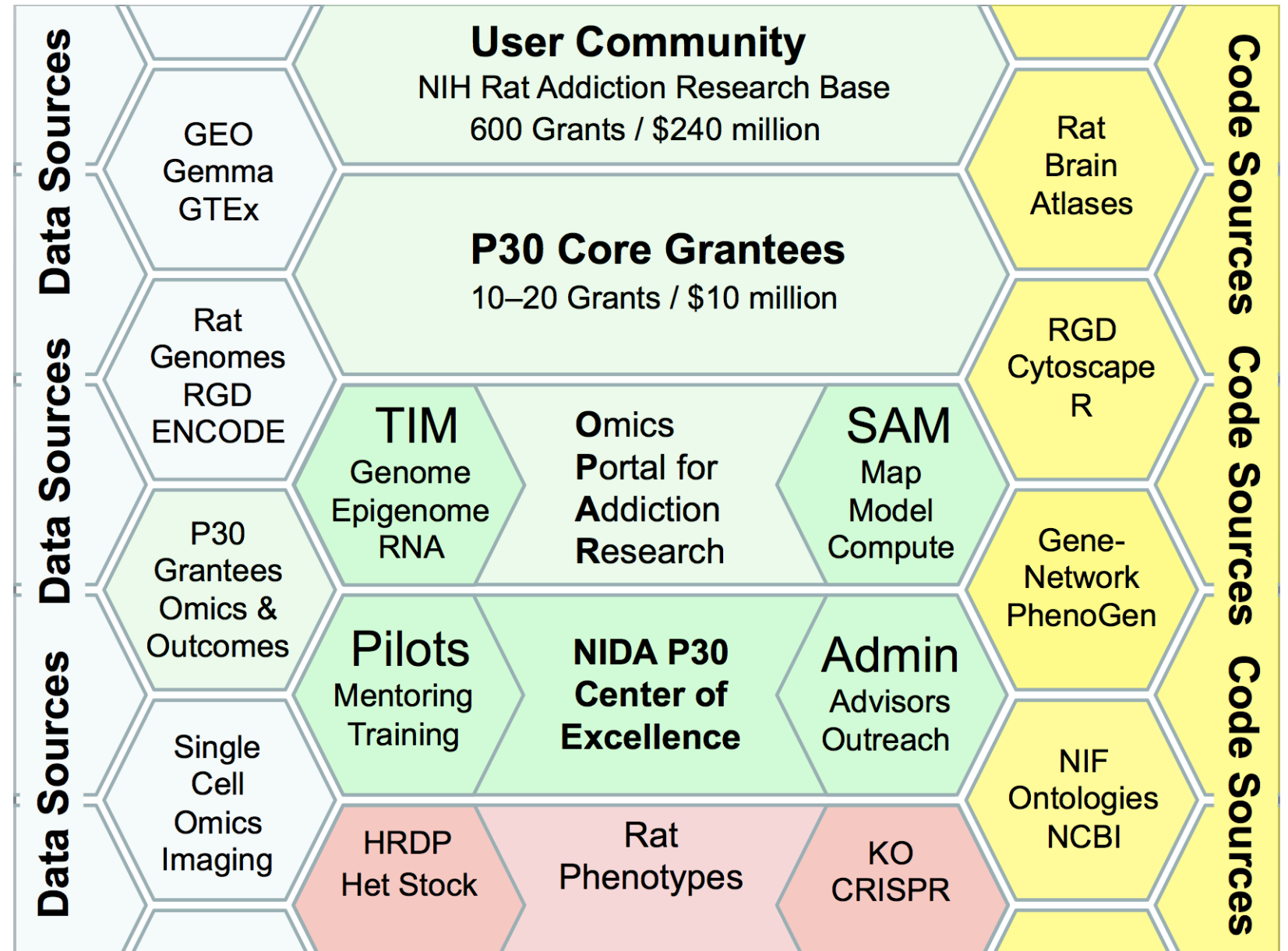
# Introductions

# Purpose of the OSGA Center

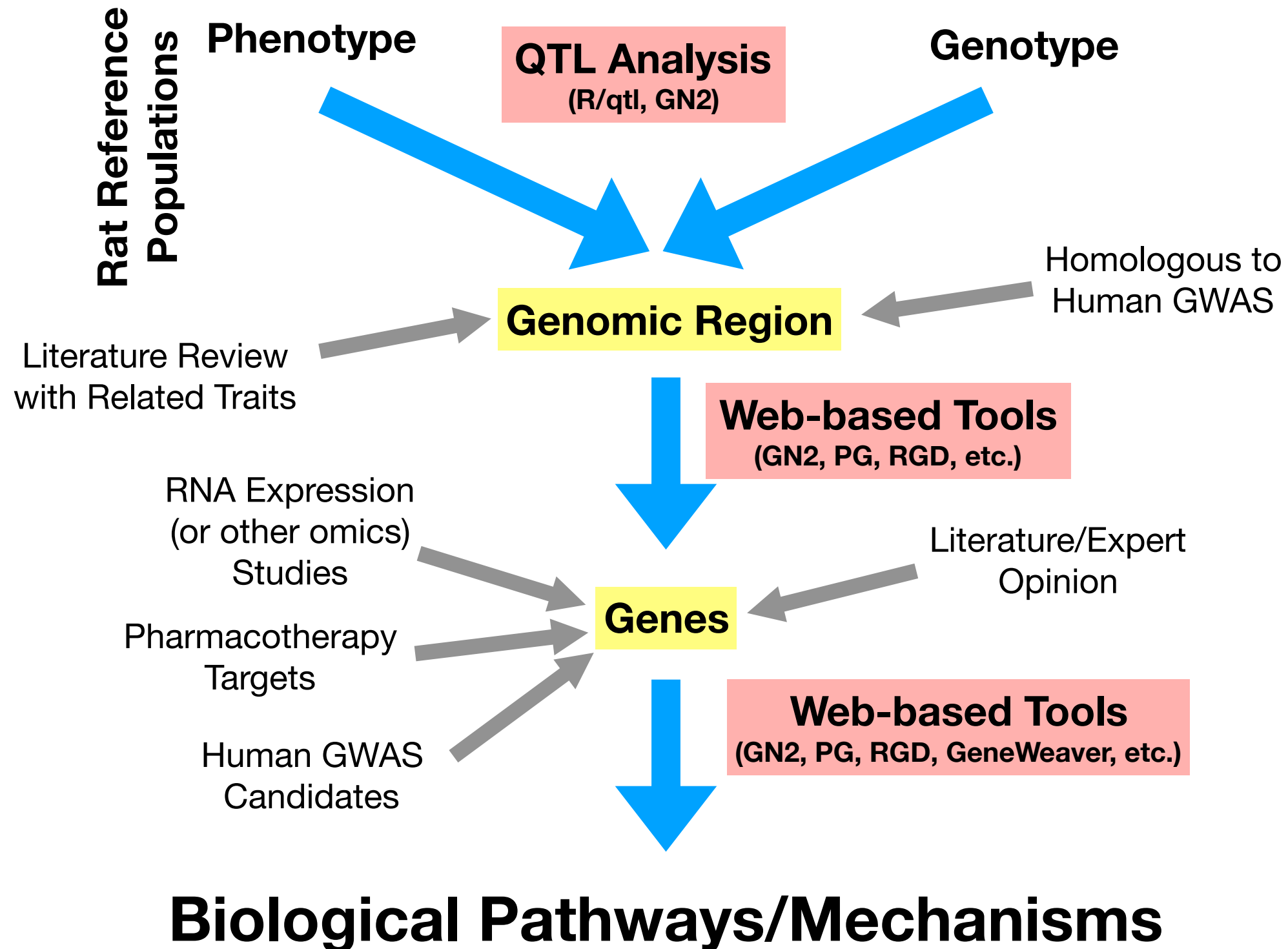
The long-term goal of this *NIDA Core Center of Excellence in Omics, Systems Genetics, and the Addictome* is to empower current and future researchers supported by NIDA and NIAAA to analyze the interwoven roles of genetic, epigenetic and environmental variation on drug abuse risk, relapse, and treatment.

# Our Approach

- Omics Portal for Addiction Research (OPAR)
- Methods, software, and dataset development for omics analyses
- Training in Systems Genetics, RNA-Seq, and Web-based Rat Genomics/Genetics Resources
- Funding for pilot grants



# Forward Genetics in Rats



# Housekeeping

- Today - Room 1108 / Tomorrow - Room 1000
- Restrooms - across the hall
- Vending machines - alcove on 2nd floor next to elevator
- Coffee shop - Lost Coffee (across Montview Blvd to the North)
- Morning break - coffee/juice/pastries/fruit served in this room
- Lunch - will be served in this room
- Dinner - Comida at Stanley Marketplace